

Datasheet for ABIN635964  
**anti-ST3GAL4 antibody (Middle Region)**



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3 Images

## Overview

Quantity:	100 µL
Target:	ST3GAL4
Binding Specificity:	Middle Region
Reactivity:	Human, Rat, Mouse, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ST3GAL4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

## Product Details

Immunogen:	ST3 GAL4 antibody was raised using the middle region of ST3 AL4 corresponding to a region with amino acids FDPKVENNPDTLLVLVAFKAMDFHWIETILSDKKRVRKGFWKQPPLIWDV
Specificity:	ST3 GAL4 antibody was raised against the middle region of ST3 AL4
Purification:	Affinity purified

## Target Details

Target:	ST3GAL4
Alternative Name:	ST3GAL4 ( <a href="#">ST3GAL4 Products</a> )
Background:	Synthesis of alpha-2,3-linked sialic acid to Gal(beta-1,3)GalNAc is mediated by at least 3 distinct beta-galactoside alpha-2,3-sialyltransferases (EC 2.4.99.4), including ST3GAL4. In contrast, only a single gene encodes the beta-galactoside alpha-2,6-sialyltransferase, ST6GAL1.

## Target Details

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Molecular Weight: 37 kDa (MW of target protein)

Pathways: [Glycosaminoglycan Metabolic Process](#)

## Application Details

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Application Notes: WB: 0.25 µg/mL, IHC: 4-8 µg/mL  
Optimal conditions should be determined by the investigator.

Comment: ST3GAL4 Blocking Peptide, catalog no. 33R-2869, is also available for use as a blocking control in assays to test for specificity of this ST3GAL4 antibody

Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of ST0 AL4 antibody in PBS

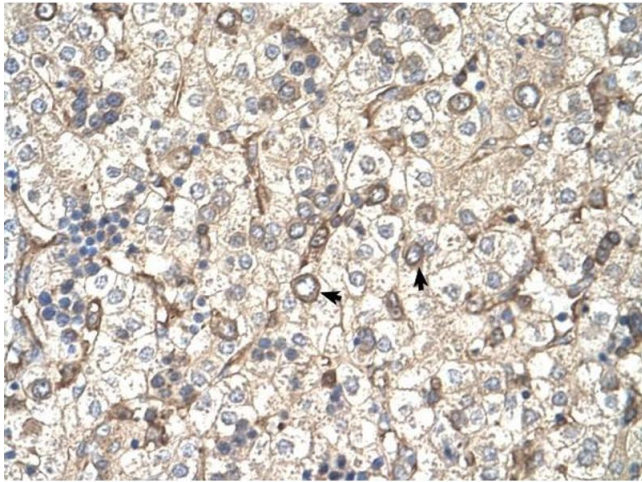
Concentration: Lot specific

Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.  
Dilute only prior to immediate use.

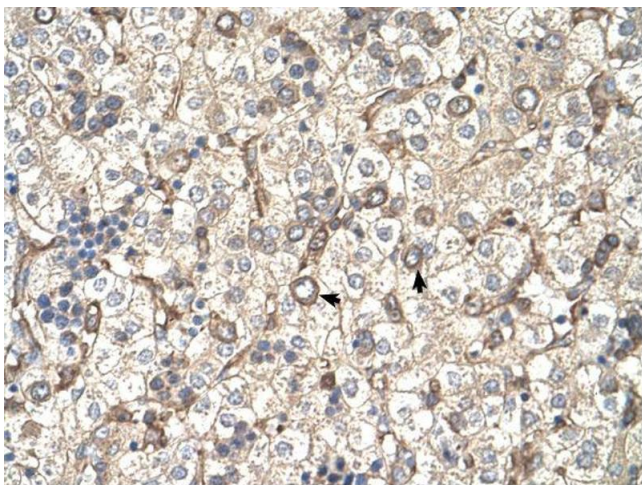
Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



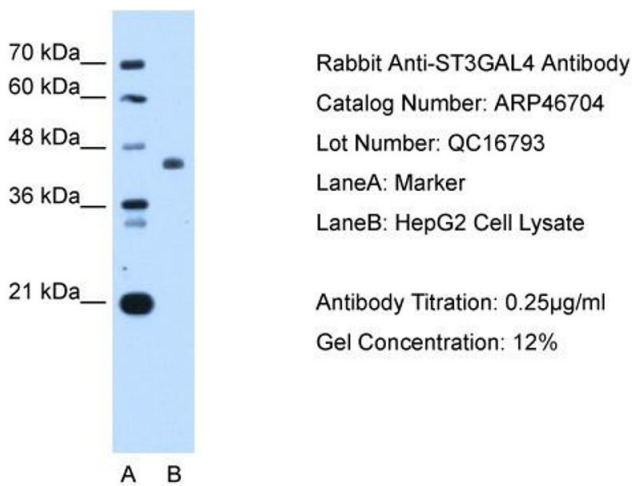
### Immunohistochemistry

**Image 1.** ST3GAL4 antibody was used for immunohistochemistry at a concentration of 4-8 ug/ml to stain Hepatocytes (arrows) in Human Liver. Magnification is at 400X



### Immunohistochemistry

**Image 2.** ST3GAL4 antibody was used for immunohistochemistry at a concentration of 4-8 ug/ml. Magnification is at 400X



### Western Blotting

**Image 3.** ST3GAL4 antibody used at 0.25 ug/ml to detect target protein.